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Claims

- 1. transdermal therapeutic for system (TTS) continuous administration of pramipexol, 5 comprising a backing layer and at least one active ingredient-containing polymer layer comprises the active ingredient pramipexol, wherein the active ingredient-containing polymer layer comprises at least one pressure-sensitive 10 group of adhesive polymer from the silicones (polydimethylsiloxanes), of polyisobutylenes, polybutenes, of styrene-isoprene-styrene copolymers in combination with resins, polyacrylates, group-free carboxyl where the 15 active ingredient pramipexol is present therein in a proportion of between 10 and 40 % by weight.
- 2. The TTS as claimed in claim 1, which comprises a further pressure-sensitive adhesive layer, 20 additional membrane which controls the rate of pramipexol, release an additional active ingredient-containing additional layer or an supporting layer.
- 25 3. The TTS as claimed in claim 1 or 2, wherein the pressure-sensitive adhesive polymer is a carboxyl group-free polyacrylate which can be prepared by polymerization of a monomer mixture of at least one acrylic ester or methacrylic ester.

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4. The TTS as claimed in claim 3, wherein the monomer mixture comprises at least one acrylic ester or methacrylic ester with linear, branched or cyclic aliphatic C_1 - C_{12} substituents without other functional groups.

5. The TTS as claimed in claim 3 or 4, wherein the monomer mixture additionally comprises at least one hydroxyl group-containing acrylic ester or one hydroxyl group-containing methacrylic ester in a proportion by weight of less than 10 %.

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- 6. The TTS as claimed in one or more of claims 3 to 5, wherein the monomer mixture additionally comprises vinyl acetate in a proportion by weight of less than 50 %, preferably less than 25 % and particularly preferably between 0 and 5 %.
- 7. The TTS as claimed in one or more of the preceding claims, wherein the active ingredient pramipexol is present in the active ingredient-containing polymer layer in dissolved, emulsified and/or dispersed form.
- 20 8. The TTS as claimed in one or more of the preceding claims, wherein the active ingredient pramipexol is present as S-(-) enantiomer, R-(+) enantiomer or racemic mixture of these two enantiomers in the active ingredient-containing polymer layer.

9. The TTS as claimed in one or more of the preceding claims, wherein the active ingredient pramipexol is present as free base, as hydrate, solvate and/or pharmaceutically acceptable salt in the

30 active ingredient-containing polymer layer.

10. The TTS as claimed in one or more of the preceding claims, wherein the active ingredient pramipexol is present as S-(-) enantiomer in the form of the

free base in the active ingredient-containing polymer layer.

- 11. The TTS as claimed in one or more of the preceding claims, which is able to deliver the active ingredient pramipexol continuously to a patient's skin over a period of from 4 to 7 days.
- 12. The TTS as claimed in one or more of the preceding claims, which is able to release the active ingredient pramipexol with a flux rate greater than $5 \mu g/cm^2$ h over the period between 24 hours after administration to 168 h after administration.

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- 13. The TTS as claimed in one or more of the preceding claims, which is able to release the active ingredient pramipexol with a flux rate greater than $5~\mu \rm g/cm^2$ h over the period between 24 hours after administration to 72 h after administration.
- 14. The TTS as claimed in one or more of the preceding claims, wherein the active ingredient pramipexol is present therein in a proportion of between 10 and 25 % by weight.
- 15. The TTS as claimed in one or more of the preceding claims, wherein the daily delivery rate of pramipexol is between 0.1-10 mg, preferably between 0.5-4.5 mg.